

AU 1807

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:20

INPUT SET: S3840.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Chee, Mark S.
6 Wang, Chunwei
7 Jevons, Luis C.
8 Bernhart, Derek H.
9 Lipshutz, Robert J.
10
11 (ii) TITLE OF INVENTION: Computer-Aided Visualization and
12 Analysis System for Sequence Evaluation
13
14 (iii) NUMBER OF SEQUENCES: 39
15
16 (iv) CORRESPONDENCE ADDRESS:
17 (A) ADDRESSEE: Townsend and Townsend Kourie and Crew
18 (B) STREET: One Market Plaza, Steuart Tower, Suite 2000
19 (C) CITY: San Francisco
20 (D) STATE: California
21 (E) COUNTRY: USA
22 (F) ZIP: 94105
23
24 (v) COMPUTER READABLE FORM:
25 (A) MEDIUM TYPE: Floppy disk
26 (B) COMPUTER: IBM PC compatible
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
29
30 (vi) CURRENT APPLICATION DATA:
31 (A) APPLICATION NUMBER: US
32 (B) FILING DATE:
33 (C) CLASSIFICATION:
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Norviel, Vernon A.
37 (B) REGISTRATION NUMBER: 32,483
38 (C) REFERENCE/DOCKET NUMBER: 16528X-82
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: 415-326-2400
42 (B) TELEFAX: 415-326-2422
43
44

SEQUENCE LISTING
Does Not Comply
Corrected Diskette Needed

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--> OK

ERRORED SEQUENCES FOLLOW:

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:22

INPUT SET: S3840.raw

221 (2) INFORMATION FOR SEQ ID NO:12:
222
223 (i) SEQUENCE CHARACTERISTICS:
--> 224 (A) LENGTH: 59 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: DNA (oligonucleotide)
230
231
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
234
--> 235 GCATTAGTAG AGATATGGAG AGRARDGGRA XXXXAAGGGA AAATTNNNAA AATTGGGCC 59
236
"X" is not a valid base code, per 1.822(b) of sequence rules

237 (2) INFORMATION FOR SEQ ID NO:13:
238
239 (i) SEQUENCE CHARACTERISTICS:
--> 240 (A) LENGTH: 59 base pairs
241 (B) TYPE: nucleic acid
242 (C) STRANDEDNESS: single
243 (D) TOPOLOGY: linear
244
245 (ii) MOLECULE TYPE: DNA (oligonucleotide)
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
250
--> 251 GCATTAGTAG AGATATGKAS AGRARDGGRA AXXXAAGGGA AAAKTNNNAA AATTGGGCC 59
252
253
invalid

254 (2) INFORMATION FOR SEQ ID NO:14:
255
256 (i) SEQUENCE CHARACTERISTICS:
--> 257 (A) LENGTH: 59 base pairs
258 (B) TYPE: nucleic acid
259 (C) STRANDEDNESS: single
260 (D) TOPOLOGY: linear
261
262 (ii) MOLECULE TYPE: DNA (oligonucleotide)
263
264
265
266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
267
--> 268 GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXAAGGGA AAADTYNNAA AATTGGGCC 59
269
invalid

270 (2) INFORMATION FOR SEQ ID NO:15:

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RAW SEQUENCE LISTING
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TIME: 14:30:24

INPUT SET: S3840.raw

271
272 (i) SEQUENCE CHARACTERISTICS:
--> 273 (A) LENGTH: 59 base pairs
274 (B) TYPE: nucleic acid
275 (C) STRANDEDNESS: single
276 (D) TOPOLOGY: linear
277
278 (ii) MOLECULE TYPE: DNA (oligonucleotide)
279
280
281
282 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
283
--> 284 GCATTAGTAG AGATATGTAS AGRRADGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
285 *invalid*

286 (2) INFORMATION FOR SEQ ID NO:16:
287
288 (i) SEQUENCE CHARACTERISTICS:
--> 289 (A) LENGTH: 59 base pairs
290 (B) TYPE: nucleic acid
291 (C) STRANDEDNESS: single
292 (D) TOPOLOGY: linear
293
294 (ii) MOLECULE TYPE: DNA (oligonucleotide)
295
296
297
298 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
299
--> 300 GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
301 *invalid*

302 (2) INFORMATION FOR SEQ ID NO:17:
303
304 (i) SEQUENCE CHARACTERISTICS:
--> 305 (A) LENGTH: 59 base pairs
306 (B) TYPE: nucleic acid
307 (C) STRANDEDNESS: single
308 (D) TOPOLOGY: linear
309
310 (ii) MOLECULE TYPE: DNA (oligonucleotide)
311
312
313
314 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
315
--> 316 GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
317 *invalid*

318 (2) INFORMATION FOR SEQ ID NO:18:
319
320 (i) SEQUENCE CHARACTERISTICS:

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:26

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--> 321 (A) LENGTH: 59 base pairs
322 (B) TYPE: nucleic acid
323 (C) STRANDEDNESS: single
324 (D) TOPOLOGY: linear
325
326 (ii) MOLECULE TYPE: DNA (oligonucleotide)
327
328
329
330 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
331
--> 332 GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXMAAGGGA AAATNNNAA AATTGGGCC 59
333 *invalid*

494 (2) INFORMATION FOR SEQ ID NO:27:
495
496 (i) SEQUENCE CHARACTERISTICS:
--> 497 (A) LENGTH: 160 base pairs
498 (B) TYPE: nucleic acid
499 (C) STRANDEDNESS: single
500 (D) TOPOLOGY: linear
501
502 (ii) MOLECULE TYPE: DNA (oligonucleotide)
503
504
505
506 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:
507
--> 508 TCGAGATAAT CTATGTCTC GTCTACTATG TCATAATCTT CTTTACYCAA ACGGTCCTXC 60
509 *invalid*
510 TACCTTTGGT TTTTACTATC CCMCTTAACC TCCAAAATAG TTTCATTCTG TCATACTAGT 120
511
512 CTATGAGTAG CTTTAGACAC CTGTATTTTCG ATATCCATGT 160
513

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/327,525DATE: 08/22/96
TIME: 14:30:28

INPUT SET: S3840.raw

| Line | Error | Original Text |
|------|--|---|
| 31 | Wrong application Serial Number | (A) APPLICATION NUMBER: US |
| 224 | Entered (59) and Calc. Seq. Length (56) differ | (A) LENGTH: 59 base pairs |
| 235 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX |
| 235 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX |
| 235 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX |
| 235 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX |
| 240 | Entered (59) and Calc. Seq. Length (56) differ | (A) LENGTH: 59 base pairs |
| 251 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX |
| 251 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX |
| 251 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX |
| 251 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX |
| 257 | Entered (59) and Calc. Seq. Length (56) differ | (A) LENGTH: 59 base pairs |
| 268 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA |
| 268 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA |
| 268 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA |
| 268 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA |
| 273 | Entered (59) and Calc. Seq. Length (58) differ | (A) LENGTH: 59 base pairs |
| 284 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG |
| 284 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG |
| 289 | Entered (59) and Calc. Seq. Length (58) differ | (A) LENGTH: 59 base pairs |
| 300 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG |
| 300 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG |
| 305 | Entered (59) and Calc. Seq. Length (58) differ | (A) LENGTH: 59 base pairs |
| 316 | Wrong Nucleic Acid Designator | GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG |
| 316 | # of Sequences for line conflicts w/ running total | GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG |
| 321 | Entered (59) and Calc. Seq. Length (57) differ | (A) LENGTH: 59 base pairs |
| 332 | Wrong Nucleic Acid Designator | GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM |
| 332 | Wrong Nucleic Acid Designator | GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM |
| 332 | # of Sequences for line conflicts w/ running total | GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM |
| 497 | Entered (160) and Calc. Seq. Length (159) differ | (A) LENGTH: 160 base pairs |
| 508 | Wrong Nucleic Acid Designator | TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA |
| 508 | # of Sequences for line conflicts w/ running total | TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA |